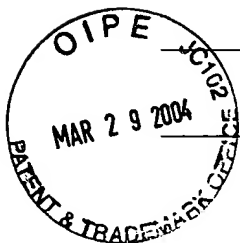


**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope, with sufficient postage, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on



March 24, 2004

Date of Deposit

John G. Rauch

Name of Applicant, Assignee or  
Registered Representative

Signature

3/24/2004

Date of Signature

Our Case No.: 10599/10

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

McKinzie III, William E. et al.

Serial No.: 09/845,666

Filing Date: April 30, 2001

For: RECONFIGURABLE ARTIFICIAL  
MAGNETIC CONDUCTOR

Examiner: Le, Hoanganh T.

Group Art Unit No.: 2821

**SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Alexandria, VA 22313-1450

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Second Supplemental Information Disclosure Statement be entered and the documents listed below and on the attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37

C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

03/30/2004 CNGUYEN 00000033 09845666

07 FC:1806

180.00 DP

The references now cited are the following:

| No.                | Date   | Name                |
|--------------------|--------|---------------------|
| US 2003/0011518 A1 | 1/2003 | Sievenpiper, et al. |

**OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)**

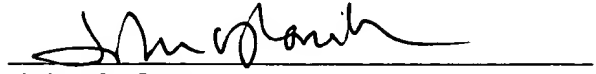
|  |
|--|
| D. Sievenpiper, J. Schaffner, B. Loo, G. Tangonan, R. Harold, J. Pikulski, R. Garcia, "Electronic Beam Steering Using a Varactor-Tuned Impedance Surface," 2001 IEEE Antennas and Propagation Society Int'l Symposium, Boston, MA, July 8-13, 2001, Vol. 1, pp. 174-177. |
| International Search Report, International Application no. PCT/US02/13542, dated July 11, 2002.  |

In accordance with 37 C.F.R. § 1.97(g),(h), this Second Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

A fee as set forth in 37 C.F.R. § 1.17(p) in the amount of \$180.00 is enclosed herewith. Should the enclosed check be insufficient, omitted or should any additional fees be deemed necessary under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these material, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925. A duplicate copy of this document is enclosed.

Applicant(s) respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "John G. Rauch", is written over a horizontal line.

John G. Rauch  
Registration No. 37,218  
Attorney for Applicant(s)

BRINKS HOFER GILSON & LIONE  
P.O. Box 10395  
Chicago, IL 60610  
(312) 321-4200



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|--|-------------------------------|------------------------|
| FORM PTO-1449  | SERIAL NO.<br>09/845,666      | CASE NO.<br>10599/10   |
| LIST OF PATENTS AND PUBLICATIONS FOR<br>APPLICANT'S INFORMATION DISCLOSURE<br>STATEMENT<br>(use several sheets if necessary) | FILING DATE<br>April 30, 2001 | GROUP ART UNIT<br>2821 |
| APPLICANT(S): McKinzie III, William E. et al.  |                               |                        |

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER<br><small>Number-Kind Code (if known)</small> | DATE   | NAME                | CLASS/<br>SUBCLASS | FILING<br>DATE |
|---------------------|----|--|--------|---------------------|--------------------|----------------|
|                     | C1 | US 2003/0011518 A1   | 1/2003 | Sievenpiper, et al. | 343/700            | 7/13/2001      |

FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |  | DOCUMENT<br>NUMBER<br><small>Number-Kind Code (if known)</small> | DATE | COUNTRY | CLASS/<br>SUBCLASS | TRANSLATION<br>YES OR NO |
|---------------------|--|--|------|---------|--------------------|--------------------------|
|                     |  |  |      |         |                    |                          |

| EXAMINER<br>INITIAL | OTHER ART – NON PATENT LITERATURE DOCUMENTS<br><small>(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.</small> |  |
|---------------------|--|--|
|                     | C2   | D. Sievenpiper, J. Schaffner, B. Loo, G. Tangonan, R. Harold, J. Pikulski, R. Garcia, "Electronic Beam Steering Using a Varactor-Tuned Impedance Surface," 2001 IEEE Antennas and Propagation Society Int'l Symposium, Boston, MA, July 8-13, 2001, Vol. 1, pp. 174-177. |
|                     | C3   | International Search Report, International Application no. PCT/US02/13542, dated July 11, 2002.  |

|          |                 |
|----------|-----------------|
| EXAMINER | DATE CONSIDERED |
|----------|-----------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.